

Appl. No. : 10/714,097
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AMENDMENTS TO THE CLAIMS

Please amend the claims as follows:

1. (Withdrawn) A method comprising:

Scanning a bar code with a first scanner to obtain first information; and

Scanning said bar code with a second scanner, different from said first scanner, to obtain second information, different than said first information; and

decoding the bar code to obtain information about personal identification therefrom, in a base N format, where N is at least 80% of the capability of all digits of the bar code.

2-6 cancelled

7. (Withdrawn) A method comprising:

obtaining personal identification information,

converting said personal identification information to a string of digits of base N,

where N is greater than 10;

forming a bar code representing said base N number; and

using said bar code to represent said personal identification information.

8. (Withdrawn) A method as in claim 7, wherein said bar code is in a specified format that uses at least eighty percent of the available digits of said bar code in said base N number.

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9. (Withdrawn) A method as in claim 7, wherein said converting comprises converting to a form which uses all numbers, and at least some letters representing base N numbers greater than 10.

10. (Withdrawn) A method as in claim 7, wherein said personal identification information includes an address to be used to look up additional information.

11. (Withdrawn) A method as in claim 10, wherein a first part of the bar code includes actual personal identification information, and a second part of the bar code includes an address to look up additional characteristics.

12. (Withdrawn) A method as in claim 11, wherein said second part of the bar code is a linear bar code and said first part of the bar code is an additional part.

13. (Withdrawn) A method as in claim 12, wherein said additional part is a two dimensional part.

14. (Withdrawn) A method as in claim 12, wherein said additional part is a color or grayscale part.

15. (Withdrawn) A method as in claim 7, wherein said personal identification information is a picture.

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16. (Withdrawn) A method as in claim 7, wherein said personal identification information is dynamic information about the way that the user takes some action.

17. cancelled

18. (Currently Amended) A method of forming a communication, comprising:
Using a portable device with a camera and a display unit therein, to obtain an image of a bar code that is associated with an advertisement;
~~forming a communication;~~
sending information indicative of the ~~forming a~~ bar code to a remote database; and
receiving and displaying, on said portable device, as part of the communication, said
~~bar code including scannable information which, when scanned, forms information that is~~
~~supplemental to said communication, wherein said communication is an advertisement and~~
~~said bar code represents a way to obtain more information about said advertisement from~~
said remote database.

19. (Currently amended) A method of forming a communication, comprising:
Using a portable device with a camera and a display unit therein, to obtain an image of a bar code that is associated with an item for sale;
~~forming a communication;~~
sending information indicative of the bar code to a remote database; and
receiving and displaying, on said portable device, ~~forming a bar code, said bar code~~
~~including scannable information which, when scanned, forms information that is~~

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supplemental to said item for sale, which information is received from said remote database
~~communication, wherein said communication describes a time and place of some event~~
~~includes information about an item for sale, and a way to get more information about said~~
~~item.~~

20. (deleted).

21. (Currently amended) A method as in claim 17 19, wherein said
communication is an email.

22. (Original) A method as in claim 21, further comprising an additional
scannable bar code as part of said email which enables a user to automatically make a
decision about contents of said email and send said decision to a remote location.

23. (Original) A method as in claim 22, wherein said decision is an
acceptance or rejection.

24. (cancelled)

25. (cancelled)

26. (cancelled)

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27. (Cancelled)

28. (Currently amended) A method as in claim 18, wherein said bar code is a dual type bar code, with a first a part that is interpreted by a first bar code scanning process to obtain first information and a second part which is interpreted by a second bar code scanning process to obtain second information that has more information than first information.

29. (Original) A method as in claim 28, wherein said first part is a linear bar code and said second part is a non-linear bar code.

30. (Original) A method as in claim 28, wherein said first process is a scan in a first direction and said second process is a scan in a second direction.

31. (Original) A method as in claim 28, wherein said second part is one of grayscale or color of the bar code.

32. (Withdrawn) A method of reading a bar code, comprising:
using a camera in a consumer device to obtain an image of a person at a first time;
using the same camera in said consumer device to obtain an image of a bar code at a second time; and
using a processor in said consumer device to automatically decode contents of said bar code.

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33. (Withdrawn) A method as in claim 32, wherein said consumer device is a cellular telephone.

34. (Withdrawn) A method as in claim 32, wherein said consumer device is a portable computer.

35. (Withdrawn) A method as in claim 32, wherein said decoding comprises determining a first portion of the bar code in a first linear bar code format, and determining a second portion of the bar code which is in a second format different than said linear format.

36. (Withdrawn) A method as in claim 35, wherein said second format is a two-dimensional format.

37. (Withdrawn) A method as in claim 35, wherein said second format includes information in the color of the bar code.

38. (Currently Amended) A method comprising:
using a portable device which includes a camera therein to obtain an image of a bar code;
decoding a- information in the bar code to obtain information from the bar code; and
using said information to access a web site from said portable device, that is
addressed based on said information.

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39. (Original) A method as in claim 38, wherein said bar code is a two-dimensional bar code.

40. (Original) A method as in claim 38, wherein said bar code is a three-dimensional bar code.

41. (Original) A method as in claim 38, wherein said bar code includes different parts which include different information, one of said parts including said information to access the web site.

42. (Original) A method as in claim 38, wherein said decoding comprises receiving an e-mail which includes an image of a bar code, and decoding said image to form said information.

43. Cancelled

44. (Withdrawn) A barcode comprising:
a series of portions encoded to represent information, wherein said information includes a Web address that can be used to access an Internet web site.

45. (Withdrawn) A barcode as in claim 44, wherein said series of portions is within an e-mail.

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46. (Withdrawn) A barcode as in claim 44, wherein said series of portions is within an advertisement.

47. (Withdrawn) A barcode as in claim 44, wherein said series of portions is encoded with the first amount of information in a single direction, and with a second amount of information when read in multiple directions.